

ATTACHMENT D

CASE STUDY – Senior Center



LEED STUDY FOR THE CITY OF SUNNYVALE

Case Study: Sunnyvale Senior Center

October 27, 2003

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LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
AS BUILT SCENARIO

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	15% Contractor Mark Up	Total Estimated Cost	% Increase to Base Bid (\$7,988,000)	Comments
SUSTAINABLE SITES								
SS Prereq 1	Erosion & Sedimentation Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 1	Site Selection	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 2	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1						
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1						
SS 4.4	Alternative Transportation, Parking Capacity	1						
SS 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1						
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1						
SS 6.2	Stormwater Management, Treatment	1						
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1						
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1						
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	2	\$0	\$0	\$0	0.0%	
WATER EFFICIENCY								
WE 1.1	Water Efficient Landscaping, Reduce by 50%	1						
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1						
WE 3.2	Water Use Reduction, 30% Reduction	1						
	WE SUBTOTAL	5	0	\$0	\$0	\$0	0.0%	
ENERGY & ATMOSPHERE								
EA Prereq 1	Fundamental Building Systems Commissioning	0						
EA Prereq 2	Minimum Energy Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA Prereq 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2						
EA 1.3	Optimize Energy Performance, 40% New / 30% Existing	2						
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2						
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2						
EA 2.1	Renewable Energy, 5%	1	1					
EA 2.2	Renewable Energy, 10%	1	1					
EA 2.3	Renewable Energy, 20%	1	1	\$598,900	Inclusive	\$598,900	7.5%	Photovoltaic System - Add Alternate Incorporated in Original Design
EA 3	Additional Commissioning	1						
EA 4	Ozone Depletion	1						
EA 5	Measurement & Verification	1						
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	5	\$598,900	\$0	\$598,900	7.5%	

LEED STUDY: CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
AS BUILT SCENARIO

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	Estimated Contractor Mark Up	Total Estimated Cost	Estimated % Cost Increase	Comments
MATERIALS & RESOURCES								
MR Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 1.1	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
MR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 2.2	Construction Waste Management, Divert 75%	1						
MR 3.1	Resource Reuse, Specify 5%	1						
MR 3.2	Resource Reuse, Specify 10%	1						
MR 4.1	Recycled Content, Specify 25%	1						Non Applicable at Senior Center / Community Center Site
MR 4.2	Recycled Content, Specify 50%	1						
MR 5.1	Local/Regional materials, 20% Manufactured Locally	1						Non Applicable at Senior Center / Community Center Site
MR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
MR 6	Rapidly Renewable Materials	1						
MR 7	Certified Wood	1						
	MR SUBTOTAL	13	1	\$0	\$0	\$0	0.0%	
INDOOR ENVIRONMENTAL QUALITY								
EQ Prereq 1	Minimum IAQ Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ Prereq 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 1	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1						
EQ 2	Increase Ventilation Effectiveness	1						
EQ 3.1	Construction IAQ Management Plan, During Construction	1						
EQ 3.2	Construction IAQ Management Plan, Before Occupancy	1						
EQ 4.1	Low-Emitting Materials, Adhesives & Sealants	1						
EQ 4.2	Low-Emitting Materials, Paints	1						
EQ 4.3	Low-Emitting Materials, Carpet	1						
EQ 4.4	Low-Emitting Materials, Composite Wood	1						
EQ 5	Indoor Chemical & Pollutant Source Control	1						
EQ 6.1	Controllability of Systems, Perimeter	1						
EQ 6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.2	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 8.1	Daylight & Views, Daylight 75% of Spaces	1						
EQ 8.2	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	4	\$0	\$0	\$0	0.0%	
INNOVATION & DESIGN PROCESS								
ID 1.1	Innovation in Design: Specific Title	1						
ID 1.2	Innovation in Design: Specific Title	1						
ID 1.3	Innovation in Design: Specific Title	1						
ID 1.4	Innovation in Design: Specific Title	1						
ID 2	LEED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL	5	1	\$0	\$0	\$0	0.0%	
	TOTALS	69	13	\$598,900	\$0	\$598,900	7.5%	

LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED CERTIFIED SCENARIO - 26 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	15% Contractor Mark Up	Total Estimated Cost	% Increase to Base Bid (\$7,988,000)	Comments
SUSTAINABLE SITES								
SS Prereq 1	Erosion & Sedimentation Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 1	Site Selection	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 2	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1						
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1						
SS 4.4	Alternative Transportation, Parking Capacity	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1						
SS 6.2	Stormwater Management, Treatment	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1						
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	6	\$0	\$0	\$0	0.0%	
WATER EFFICIENCY								
WE 1.1	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	1						
	WE SUBTOTAL	5	2	\$0	\$0	\$0	0.0%	
ENERGY & ATMOSPHERE								
EA Prereq 1	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0	\$25,000	0.3%	Commissioning Consultant contracted by Owner
EA Prereq 2	Minimum Energy Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA Prereq 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2						
EA 1.3	Optimize Energy Performance, 40% New / 30% Existing	2						
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2						
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2						
EA 2.1	Renewable Energy, 5%	1						
EA 2.2	Renewable Energy, 10%	1						
EA 2.3	Renewable Energy, 20%	1						
EA 3	Additional Commissioning	1						
EA 4	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EA 5	Measurement & Verification	1						
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	3	\$25,000	\$0	\$25,000	0.3%	

LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED CERTIFIED SCENARIO - 26 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	Estimated Contractor Mark Up	Total Estimated Cost	Estimated % Cost Increase	Comments
MATERIALS & RESOURCES								
MR Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 1.1	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
MR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 2.2	Construction Waste Management, Divert 75%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
MR 3.1	Resource Reuse, Specify 5%	1						
MR 3.2	Resource Reuse, Specify 10%	1						
MR 4.1	Recycled Content, Specify 25%	1	1	\$0	\$0	\$0	0.0%	Non Applicable at Senior Center / Community Center Site
MR 4.2	Recycled Content, Specify 50%	1						No Additional Cost
MR 5.1	Local/Regional materials, 20% Manufactured Locally	1						Non Applicable at Senior Center / Community Center Site
MR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
MR 6	Rapidly Renewable Materials	1	1	-\$800	\$0	-\$800	0.0%	Bamboo flooring @ MP Room, Lobby, Corridors & Lounge, Linoleum @ Program Rooms - Need 5% of total building materials cost for credit
MR 7	Certified Wood	1						
	MR SUBTOTAL	13	4	-\$800	\$0	-\$800	0.0%	
INDOOR ENVIRONMENTAL QUALITY								
EQ Prereq 1	Minimum IAQ Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ Prereq 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 1	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1						
EQ 2	Increase Ventilation Effectiveness	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 3.1	Construction IAQ Management Plan, During Construction	1						
EQ 3.2	Construction IAQ Management Plan, Before Occupancy	1						
EQ 4.1	Low-Emitting Materials, Adhesives & Sealants	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.2	Low-Emitting Materials, Paints	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.3	Low-Emitting Materials, Carpet	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.4	Low-Emitting Materials, Composite Wood	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 5	Indoor Chemical & Pollutant Source Control	1						
EQ 6.1	Controllability of Systems, Perimeter	1						
EQ 6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.2	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 8.1	Daylight & Views, Daylight 75% of Spaces	1						
EQ 8.2	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	9	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
INNOVATION & DESIGN PROCESS								
ID 1.1	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Sustainable Educational Display
ID 1.2	Innovation in Design: Specific Title	1						
ID 1.3	Innovation in Design: Specific Title	1						
ID 1.4	Innovation in Design: Specific Title	1						
ID 2	LEED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL	5	2	\$0	\$0	\$0	0.0%	
	TOTALS	69	26	\$24,200	\$0	\$24,200	0.0%	

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LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED SILVER SCENARIO - 33 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	15% Contractor Mark Up	Total Estimated Cost	% Increase to Base Bid (\$7,988,000)	Comments
SUSTAINABLE SITES								
SS Prereq 1	Erosion & Sedimentation Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 1	Site Selection	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 2	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1						
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1	1	\$8,000	\$1,200	\$9,200	0.1%	Two dual electric vehicle charging stations
SS 4.4	Alternative Transportation, Parking Capacity	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1						
SS 6.2	Stormwater Management, Treatment	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1						
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	7	\$8,000	\$1,200	\$9,200	0.1%	
WATER EFFICIENCY								
WE 1.1	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	1						
	WE SUBTOTAL	5	2	\$0	\$0	\$0	0.0%	
ENERGY & ATMOSPHERE								
EA Prereq 1	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0	\$25,000	0.3%	Commissioning Consultant contracted by Owner
EA Prereq 2	Minimum Energy Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA Prereq 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2						
EA 1.3	Optimize Energy Performance, 40% New / 30% Existing	2						
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2						
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2						
EA 2.1	Renewable Energy, 5%	1						
EA 2.2	Renewable Energy, 10%	1						
EA 2.3	Renewable Energy, 20%	1						
EA 3	Additional Commissioning	1	1	\$10,000	\$0	\$10,000	0.1%	Additional testing and reports - Commissioning Consultant Contracted by Owner
EA 4	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EA 5	Measurement & Verification	1						
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	4	\$35,000	\$0	\$35,000	0.4%	

LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED SILVER SCENARIO - 33 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	Estimated Contractor Mark Up	Total Estimated Cost	Estimated % Cost Increase	Comments
MATERIALS & RESOURCES								
MR Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 1.1	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
MR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 2.2	Construction Waste Management, Divert 75%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
MR 3.1	Resource Reuse, Specify 5%	1						
MR 3.2	Resource Reuse, Specify 10%	1						
MR 4.1	Recycled Content, Specify 25%	1	1	\$0	\$0	\$0	0.0%	Non Applicable at Senior Center / Community Center Site
MR 4.2	Recycled Content, Specify 50%	1						No Additional Cost
MR 5.1	Local/Regional materials, 20% Manufactured Locally	1						Non Applicable at Senior Center / Community Center Site
MR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
MR 6	Rapidly Renewable Materials	1	1	-\$800	\$0	-\$800	0.0%	Bamboo flooring @ MP Room, Lobby, Corridors & Lounge, Linoleum @ Program Rooms - Need 5% of total building materials cost for credit
MR 7	Certified Wood	1						
	MR SUBTOTAL	13	4	-\$800	\$0	-\$800	0.0%	
INDOOR ENVIRONMENTAL QUALITY								
EQ Prereq 1	Minimum IAQ Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ Prereq 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 1	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1						
EQ 2	Increase Ventilation Effectiveness	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 3.1	Construction IAQ Management Plan, During Construction	1	1	\$7,000	\$1,050	\$8,050	0.1%	Filters & mitigation measures for adjacent buildings (Recreation Bldg.)
EQ 3.2	Construction IAQ Management Plan, Before Occupancy	1	1	\$7,000	\$0	\$7,000	0.1%	Supervision of Building Flush Out
EQ 4.1	Low-Emitting Materials, Adhesives & Sealants	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.2	Low-Emitting Materials, Paints	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.3	Low-Emitting Materials, Carpet	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.4	Low-Emitting Materials, Composite Wood	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 5	Indoor Chemical & Pollutant Source Control	1						
EQ 6.1	Controllability of Systems, Perimeter	1						
EQ 6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.2	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 8.1	Daylight & Views, Daylight 75% of Spaces	1	1	\$6,000	\$900	\$6,900	0.1%	Increase storefront glazing +70 SF, add (3) 4'x4' horizontal skylights
EQ 8.2	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	12	\$20,000	\$1,950	\$21,950	0.3%	
INNOVATION & DESIGN PROCESS								
ID 1.1	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Sustainable Educational Display
ID 1.2	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Develop Maintenance Program using Environmental cleaning materials
ID 1.3	Innovation in Design: Specific Title	1	1	\$10,000	\$0	\$10,000	0.1%	Substantially exceed a LEED performance credit
ID 1.4	Innovation in Design: Specific Title	1						
ID 2	LEED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL	5	4	\$10,000	\$0	\$10,000	0.1%	
	TOTALS	69	33	\$72,200	\$3,950	\$76,150	0.0%	

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LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED GOLD SCENARIO - 39 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	15% Contractor Mark Up	Total Estimated Cost	% Increase to Base Bid (\$7,988,000)	Comments
SUSTAINABLE SITES								
SS Prereq 1	Erosion & Sedimentation Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 1	Site Selection	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 2	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1	1	\$11,000	\$1,650	\$12,650	0.2%	Men's & Women's Changing Room with shower
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1	1	\$8,000	\$1,200	\$9,200	0.1%	Two dual electric vehicle charging stations
SS 4.4	Alternative Transportation, Parking Capacity	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1						
SS 6.2	Stormwater Management, Treatment	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1	1	\$11,400	\$1,710	\$13,110	0.2%	Add 30% more 24" box trees
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	9	\$30,400	\$4,560	\$34,960	0.4%	
WATER EFFICIENCY								
WE 1.1	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	1	1	\$15,400	\$2,310	\$17,710	0.2%	High efficiency / low flow plumbing fixtures and sensors
	WE SUBTOTAL	5	3	\$15,400	\$2,310	\$17,710	0.2%	
ENERGY & ATMOSPHERE								
EA Prereq 1	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0	\$25,000	0.3%	Commissioning Consultant contracted by Owner
EA Prereq 2	Minimum Energy Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA Prereq 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2						
EA 1.3	Optimize Energy Performance, 40% New / 30% Existing	2						
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2						
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2						
EA 2.1	Renewable Energy, 5%	1						
EA 2.2	Renewable Energy, 10%	1						
EA 2.3	Renewable Energy, 20%	1						
EA 3	Additional Commissioning	1	1	\$10,000	\$0	\$10,000	0.1%	Additional testing and reports - Commissioning Consultant Contracted by Owner
EA 4	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EA 5	Measurement & Verification	1						
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	4	\$35,000	\$0	\$35,000	0.4%	

LEED STUDY I CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED GOLD SCENARIO - 39 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	Estimated Contractor Mark Up	Total Estimated Cost	Estimated % Cost Increase	Comments
MATERIALS & RESOURCES								
MR Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 1.1	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
MR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 2.2	Construction Waste Management, Divert 75%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
MR 3.1	Resource Reuse, Specify 5%	1						
MR 3.2	Resource Reuse, Specify 10%	1						Non Applicable at Senior Center / Community Center Site
MR 4.1	Recycled Content, Specify 25%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
MR 4.2	Recycled Content, Specify 50%	1	1	\$15,000	\$2,250	\$17,250	0.2%	Premium for high recycle content materials such as ceiling tiles, & ceramic tile
MR 5.1	Local/Regional materials, 20% Manufactured Locally	1						Non Applicable at Senior Center / Community Center Site
MR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
MR 6	Rapidly Renewable Materials	1	1	-\$800	\$0	-\$800	0.0%	Bamboo flooring @ MP Room, Lobby, Corridors & Lounge, Linoleum @ Program Rooms - Need 5% of total building materials cost for credit
MR 7	Certified Wood	1						
	MR SUBTOTAL	13	5	\$14,200	\$2,250	\$16,450	0.2%	
INDOOR ENVIRONMENTAL QUALITY								
EQ Prereq 1	Minimum IAQ Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ Prereq 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 1	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1						
EQ 2	Increase Ventilation Effectiveness	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 3.1	Construction IAQ Management Plan, During Construction	1	1	\$7,000	\$1,050	\$8,050	0.1%	Filters & mitigation measures for adjacent buildings (Recreation Bldg.)
EQ 3.2	Construction IAQ Management Plan, Before Occupancy	1	1	\$7,000	\$0	\$7,000	0.1%	Supervision of Building Flush Out
EQ 4.1	Low-Emitting Materials, Adhesives & Sealants	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.2	Low-Emitting Materials, Paints	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.3	Low-Emitting Materials, Carpet	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.4	Low-Emitting Materials, Composite Wood	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 5	Indoor Chemical & Pollutant Source Control	1	1	\$10,000	\$1,500	\$11,500	0.1%	Entryway grilles/grates at Main & Patio Doors
EQ 6.1	Controllability of Systems, Perimeter	1	1	\$9,000	\$1,350	\$10,350	0.1%	Operable windows @ bottom pane of all aluminum storefront windows
EQ 6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.2	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 8.1	Daylight & Views, Daylight 75% of Spaces	1	1	\$6,000	\$900	\$6,900	0.1%	Increase storefront glazing +70 SF, add (3) 4'x4' horizontal skylights
EQ 8.2	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	14	\$39,000	\$4,800	\$43,800	0.5%	
INNOVATION & DESIGN PROCESS								
ID 1.1	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Sustainable Educational Display
ID 1.2	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Develop Maintenance Program using Environmental cleaning materials
ID 1.3	Innovation in Design: Specific Title	1	1	\$10,000	\$0	\$10,000	0.1%	Substantially exceed a LEED performance credit
ID 1.4	Innovation in Design: Specific Title	1						
ID 2	LEED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL	5	4	\$10,000	\$0	\$10,000	0.1%	
	TOTALS	69	69	\$144,000	\$13,920	\$157,920	2.10%	

Case Study: Sunnyvale Senior Center
LEED PLATINUM SCENARIO - 52 POINTS MINIMUM
 with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	15% Contractor Mark Up	Total Estimated Cost	% Increase to Base Bid (\$7,988,000)	Comments
SUSTAINABLE SITES								
SS Prereq 1	Erosion & Sedimentation Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 1	Site Selection	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 2	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1	1	\$11,000	\$1,650	\$12,650	0.2%	Men's & Women's Changing Room with shower
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1	1	\$8,000	\$1,200	\$9,200	0.1%	Two dual electric vehicle charging stations
SS 4.4	Alternative Transportation, Parking Capacity	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1	1	\$33,000	\$4,950	\$37,950	0.5%	Pervious Paving at Parking Lots
SS 6.2	Stormwater Management, Treatment	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1	1	\$11,400	\$1,710	\$13,110	0.2%	Add 30% more 24" box trees
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	10	\$63,400	\$9,510	\$72,910	0.9%	
WATER EFFICIENCY								
WE 1.1	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	1	1	\$15,400	\$2,310	\$17,710	0.2%	High efficiency / low flow plumbing fixtures and sensors
	WE SUBTOTAL	5	3	\$15,400	\$2,310	\$17,710	0.2%	
ENERGY & ATMOSPHERE								
EA Prereq 1	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0	\$25,000	0.3%	Commissioning Consultant contracted by Owner
EA Prereq 2	Minimum Energy Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA Prereq 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2	2					
EA 1.3	Optimize Energy Performance, 40% New / 30% Existing	2	2					
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2	2	\$250,000	\$37,500	\$287,500	3.6%	High Efficiency Water Chilled HVAC System, High Performanc Glazing, Raised Floor Plenum air circulation
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2						
EA 2.1	Renewable Energy, 5%	1	1					
EA 2.2	Renewable Energy, 10%	1	1					
EA 2.3	Renewable Energy, 20%	1	1	\$598,900	inclusive	\$598,900	7.5%	Photovoltaic System - Add Alternate Incorporated in Original Design
EA 3	Additional Commissioning	1	1	\$10,000	\$0	\$10,000	0.1%	Additional testing and reports - Commissioning Consultant Contracted by Owner
EA 4	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EA 5	Measurement & Verification	1	1	\$20,000	\$0	\$20,000	0.3%	Professional Services of Energy Consultant contracted by Owner
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	14	\$903,900	\$37,500	\$941,400	11.8%	

LEED STUDY FOR CITY OF SUNNYVALE
Case Study: Sunnyvale Senior Center
LEED PLATINUM SCENARIO - 52 POINTS MINIMUM
with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED Points	Potential for Senior Center	Estimated Material Cost	Estimated Contractor Mark Up	Total Estimated Cost	Estimated % Cost Increase	Comments
MATERIALS & RESOURCES								
MR Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 1.1	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
MR 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
MR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
MR 2.2	Construction Waste Management, Divert 75%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
MR 3.1	Resource Reuse, Specify 5%	1						
MR 3.2	Resource Reuse, Specify 10%	1						Non Applicable at Senior Center / Community Center Site
MR 4.1	Recycled Content, Specify 25%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
MR 4.2	Recycled Content, Specify 50%	1	1	\$15,000	\$2,250	\$17,250	0.2%	Premium for high recycle content materials such as ceiling tiles, & ceramic tile
MR 5.1	Local/Regional materials, 20% Manufactured Locally	1						Non Applicable at Senior Center / Community Center Site
MR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
MR 6	Rapidly Renewable Materials	1	1	-\$800	\$0	-\$800	0.0%	Bamboo flooring @ MP Room, Lobby, Corridors & Lounge, Linoleum @ Program Rooms - Need 5% of total building materials cost for credit
MR 7	Certified Wood	1	1	\$20,000	\$3,000	\$23,000	0.3%	Certified Wood in Roof Framing
	MR SUBTOTAL	13	6	\$34,200	\$5,250	\$39,450	0.5%	
INDOOR ENVIRONMENTAL QUALITY								
EQ Prereq 1	Minimum IAQ Performance	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ Prereq 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 1	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1	1	\$25,000	\$3,750	\$28,750	0.4%	Economizers
EQ 2	Increase Ventilation Effectiveness	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 3.1	Construction IAQ Management Plan, During Construction	1	1	\$7,000	\$1,050	\$8,050	0.1%	Filters & mitigation measures for adjacent buildings (Recreation Bldg.)
EQ 3.2	Construction IAQ Management Plan, Before Occupancy	1	1	\$7,000	\$0	\$7,000	0.1%	Supervision of Building Flush Out
EQ 4.1	Low-Emitting Materials, Adhesives & Sealants	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.2	Low-Emitting Materials, Paints	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.3	Low-Emitting Materials, Carpet	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 4.4	Low-Emitting Materials, Composite Wood	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
EQ 5	Indoor Chemical & Pollutant Source Control	1	1	\$10,000	\$1,500	\$11,500	0.1%	Entryway grilles/grates at Main & Patio Doors
EQ 6.1	Controllability of Systems, Perimeter	1	1	\$9,000	\$1,350	\$10,350	0.1%	Operable windows @ bottom pane of all aluminum storefront windows
EQ 6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 7.2	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EQ 8.1	Daylight & Views, Daylight 75% of Spaces	1	1	\$6,000	\$900	\$6,900	0.1%	Increase storefront glazing +70 SF, add (3) 4'x4' horizontal skylights
EQ 8.2	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	15	\$64,000	\$8,550	\$72,550	0.9%	
INNOVATION & DESIGN PROCESS								
ID 1.1	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Sustainable Educational Display
ID 1.2	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Develop Maintenance Program using Environmental cleaning materials
ID 1.3	Innovation in Design: Specific Title	1	1	\$10,000	\$0	\$10,000	0.1%	Substantially exceed a LEED performance credit
ID 1.4	Innovation in Design: Specific Title	1						
ID 2	LEED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL	5	4	\$10,000	\$0	\$10,000	0.1%	
	TOTALS	69	52	\$1090,900	\$63,120	\$1,154,020	14.4%	